HW#41: Angle Addition Postulate

Due Date: Wednesday Oct. 22nd, 2014

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

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| 1. Use the diagram below to find the measure of *a°, b°, c°* and *d°.* | | 2.Given *m*∠*QST* = 135°, find *m*∠*QSR.* |
| 3. Find ∠*KLN* and ∠*MLN.* | | 4. Find ∠*EFH* and ∠*HFG.* |
| 5. *BD* bisects ∠*ABC.* Find *m*∠*ABC.* | | 6. |
| *7.* Solve for x and the angle below. | | 8. Solve for x and the angle below. |
| 9. In the triangle below ∠SUT is bisected by line segment UP. Find the measure of ∠SUP if ∠STU is 105 degrees and ∠TSU is 35 degrees. | 10. Solve for x and the angle below. | |
| 11. Solve for x and the angle below. | 12. Solve for x and the angle below. | |
| 13. Find the value of x and the measure of ∠A  ∠A 🡪 | 14. Find the value of x and y | |